

IN THE CLAIMS

What is claimed is:

1. (Currently Amended) A method comprising:

determining automatically [[at]] which of a plurality of devices associated with a user, if any, ~~the user is present~~ are currently online; and

sending a notification message for the user to one of the devices [[at]] which ~~the user was~~ were determined to be ~~present~~ currently online, in response to a predefined trigger event, said one of the devices having been selected based on a profile of the user.
2. (Original) A method as recited in claim 1, further comprising selecting said one of the devices as a destination of the notification message based on the profile of the user.
3. (Original) A method as recited in claim 2, wherein the profile of the user indicates a preferred order of devices to which notifications for the user should be sent.
4. (Original) A method as recited in claim 1, wherein the predefined trigger event comprises receiving a notification message for the user from a remote system.
5. (Original) A method as recited in claim 1, wherein at least one of the plurality of devices of the user is a mobile device configured to operate on a wireless network.
6. (Original) A method as recited in claim 1, wherein at least one of the plurality of devices of the user is a computer connected to a wired computer network.

7. (Original) A method as recited in claim 1, wherein at least one of the plurality of devices of the user is a mobile device configured to operate on a wireless network; and at least one of the plurality of devices of the user is a computer connected to a wired computer network.

8. (Original) A method as recited in claim 7, wherein at least one of the plurality of devices of the user is a POTS telephone.

9. (Currently Amended) A method as recited in claim 1, wherein said determining automatically [[at]] which of a plurality of devices associated with a user, if any, ~~the user is present~~ are currently online comprises communicating with a presence server on a wireless network, to determine if the mobile device is present on the wireless network.

10. (Currently Amended) A method as recited in claim 1, wherein said determining automatically [[at]] which of a plurality of devices associated with a user, if any, ~~the user is present~~ are currently online comprises communicating with an instant messaging application used by the user.

11. (Original) A method as recited in claim 1, further comprising incorporating a hyperlink into the notification message, to enable the user to respond to notification by activating the hyperlink.

12. (Currently Amended) A method comprising:

maintaining a profile of a user, the profile including information indicative of a plurality of devices of the user;

receiving a first notification message for a user from a remote site on a network;

determining automatically ~~[[at]]~~ which of the plurality of devices ~~the user is~~ present are currently online, if any, using a profile of the user; and

consecutively sending a second notification message for the user to each of the devices ~~[[at]]~~ which ~~the user was~~ were determined to be currently online ~~present~~, according to the profile of the user, until an acknowledgement of the second notification is received with respect to one of the devices, the second notification message being representative of the first notification message.

13. (Original) A method as recited in claim 12, wherein the profile of the user indicates a preferred order of the plurality of devices in which notifications for the user should be sent.

14. (Original) A method as recited in claim 13, further comprising selecting said one of the devices as a destination of the second notification message based on the profile of the user.

15. (Original) A method as recited in claim 12, wherein the remote site comprises a server on a computer network, and wherein each of the plurality of devices comprises a data processing device.

16. (Original) A method as recited in claim 15, wherein at least one of the devices is a mobile device configured to operate on a wireless network.

17. (Currently Amended) A method as recited in claim 16, wherein said determining automatically [[at]] which of the plurality of devices ~~the user is present~~ are currently online comprises communicating with a network element connected to a wireless network to determine if the mobile device is present on the wireless network.

18. (Currently Amended) A method as recited in claim 12, wherein said determining automatically [[at]] which of the plurality of devices ~~the user is present~~ are currently online comprises communicating with an instant messaging application used by the user.

19. (Currently Amended) A method as recited in claim 12, wherein said determining automatically [[at]] which of the plurality of devices ~~the user is present~~ are currently online comprises:

communicating with a presence server on the wireless network; and
communicating with an instant messaging application used by the user.

20. (Currently Amended) A method as recited in claim 12, wherein said determining automatically [[at]] which of the plurality of devices ~~the user is present~~ are currently online is done in response to receiving the notification message from the remote network site.

21. (Currently Amended) A method as recited in claim 12, wherein said

determining automatically [[at]] which of the plurality of devices ~~the user is present~~ are currently online is done prior to receiving the notification message from the remote network site.

22. (Currently Amended) A method as recited in claim 12, wherein said determining automatically [[at]] which of the plurality of devices ~~the user is present~~ are currently online is done in response to receiving the first notification message.

23. (Currently Amended) A method as recited in claim 12, wherein said determining automatically [[at]] which of the plurality of devices ~~the user is present~~ are currently online is done prior to receiving the first notification message.

24. (Original) A method as recited in claim 12, further comprising incorporating a hyperlink into the second notification message, to enable the user to respond to notification by activating the hyperlink.

25. (Currently Amended) A method comprising:

- maintaining a profile of a user, including information corresponding to a plurality of remote devices of the user;
- receiving a first notification message for a user from a remote computer system on a data communication network;
- accessing the profile of the user to identify the devices of the user;
- determining automatically [[at]] which of the devices, if any, ~~the user is present~~ are currently online;

if ~~the user is present at~~ more than one of the devices is currently online, then selecting one of the devices ~~[[at]]~~ which ~~the user was~~ were determined to be ~~present~~ currently online, based on the profile of the user;

sending a second notification message for the user via a data communication network to the selected one of the devices, based on the first notification message;

waiting to receive an acknowledgement of the second notification message;

if an acknowledgement of the second notification message is not received, then

selecting another one of the devices ~~[[at]]~~ which ~~the user is present~~ are currently online, if any, based on the profile of the user, and

sending a third notification message for the user to said other one of the devices, based on the first notification message.

26. (Currently Amended) A method as recited in claim 25, wherein said determining automatically ~~[[at]]~~ which of the devices, if any, ~~the user is present~~ are currently online comprises communicating with a network element connected to a wireless network, to determine if a mobile device of the user is present on the wireless network.

27. (Currently Amended) A method as recited in claim 25, wherein said determining automatically ~~[[at]]~~ which of the devices, if any, ~~the user is present~~ are currently online comprises communicating with an instant messaging application used by the user.

28. (Currently Amended) A method as recited in claim 25, wherein said

determining automatically [[at]] which of the devices, if any, ~~the user is present~~ are currently online comprises:

communicating with a presence server on the wireless network; and
communicating with an instant messaging application used by the user.

29. (Original) A method as recited in claim 25, wherein the profile of the user specifies a preferred order in which the plurality of remote devices should be contacted with a notification.

30. (Original) A method as recited in claim 25, further comprising incorporating a hyperlink into the notification message, to enable the user to respond to notification by activating the hyperlink.

31. (Currently Amended) A system comprising:

a registration server to maintain a profile of a user, the profile containing information corresponding to a plurality of remote devices of a user, and to determine automatically [[at]] which of the devices, if any, ~~the user is present~~ are currently online; and

a notification server to receive a first notification message for the user from a remote network site, to select one of the devices [[at]] which ~~the user was~~ were determined to be currently online ~~present~~, and to send a second notification message for the user at the selected one of the devices, based on the first notification message.

32. (Currently Amended) A system as recited in claim 31, wherein the

notification server further is to wait for an acknowledgement of the second notification message and, if an acknowledgement of the second notification message is not received, to select another one of the devices ~~[[at]] which are currently online the user is present~~, if any, based on the profile of the user, and to send a third notification message for the user at said other one of the devices, based on the first notification message.

33. (Currently Amended) A system as recited in claim 31, wherein the registration server determines automatically ~~[[at]] which of the devices, if any, the user is present~~ are currently online by, at least in part, communicating with a network element on a wireless network, to determine if a mobile device of the user is present on the wireless network.

34. (Currently Amended) A system as recited in claim 31, wherein the registration server determines automatically ~~[[at]] which of the devices, if any, the user is present~~ are currently online by, at least in part, communicating with an instant messaging application used by the user.

35. (Currently Amended) A system as recited in claim 31, wherein the registration server determines automatically ~~[[at]] which of the devices, if any, the user is present~~ are currently online by, at least in part:

- communicating with a presence server on the wireless network; and
- communicating with an instant messaging application used by the user.

36. (Original) A system as recited in claim 31, wherein the profile of the user

indicates a preferred order of the plurality of devices in which notifications for the user should be sent.

37. (Currently Amended) A system as recited in claim 36, wherein the notification server further is to select one of the devices [[at]] which ~~the user was~~ were determined to be currently online ~~present~~ as a destination of the second notification message, based on the profile of the user.

38. (Original) A system as recited in claim 31, wherein the notification server further is configured to incorporate a hyperlink into a notification message for the user, to enable the user to respond to notification by activating the hyperlink.

39. (Currently Amended) A processing system comprising:

- a processor;
- a data communication device to communicate data with a plurality of remote sources over a network under control of the processor; and
- a storage facility including instructions for execution by the processor to cause the processing system to execute a process comprising:
 - maintaining a profile of a user, the profile including information corresponding to a plurality of devices of the user which are capable of communicating data with remote sites;
 - receiving a first notification message for a user from a remote site on the network;
 - in response to the first notification message, using the profile of the user to

determine automatically [[at]] which of the devices ~~the user is present~~ are currently online, if any;

consecutively sending a second notification message for the user at each of the devices at which the user was determined to be present, based on the first notification message and according to the profile of the user, until an acknowledgement of the second notification is received with respect to one of the devices.

40. (Original) A processing system as recited in claim 39, wherein the profile of the user includes information indicative of an order in which notifications for the user should be sent to said devices.

41. (Original) A processing system as recited in claim 40, further comprising selecting said one of the devices as a destination of the second notification message based on the profile of the user.

42. (Original) A processing system as recited in claim 39, wherein the remote site comprises a server on a computer network, and wherein each of the plurality of devices comprises a data processing device.

43. (Original) A processing system as recited in claim 42, wherein at least one of the devices is a mobile device configured to operate on a wireless network.

44. (Currently Amended) A processing system as recited in claim 39, wherein said determining automatically [[at]] which of the devices ~~the user is present~~ are currently

online comprises querying a presence server on a wireless network, to determine if a mobile device of the user is present on the wireless network.

45. (Currently Amended) A processing system as recited in claim 39, wherein said determining automatically [[at]] which of the devices ~~the user is present~~ are currently online comprises querying an instant messaging application used by the user.

46. (Currently Amended) A processing system as recited in claim 39, wherein said determining automatically [[at]] which of the devices ~~the user is present~~ are currently online comprises:

querying a presence server on the wireless network; and

querying an instant messaging application used by the user.

47. (Currently Amended) A processing system as recited in claim 39, wherein said determining automatically [[at]] which of the devices ~~the user is present~~ are currently online is done in response to receiving the notification message from the remote network site.

48. (Currently Amended) A processing system as recited in claim 39, wherein said determining automatically [[at]] which of the devices ~~the user is present~~ are currently online is done prior to receiving the notification message from the remote network site.

49. (Original) A processing system as recited in claim 39, further comprising incorporating a hyperlink into the notification message, to enable the user to respond to

notification by activating the hyperlink.

50. (Currently Amended) An apparatus for notifying a user of a plurality of devices, the method comprising:

means for determining automatically ~~[[at]]~~ which of the devices ~~the user is present~~ are currently online, if any, based on a profile of the user; and

means for sending a notification message for the user to one of the devices ~~[[at]]~~ which ~~the user was~~ were determined to be ~~present~~ currently online in response to a predefined trigger event, said one of the devices having been selected based on the profile of the user.